

Converting Colors

HunterLab(29.8147, 6.9300,
18.4930)

Have a look what the booklet for
HunterLab(29.8147, 6.9300,
18.4930) contains.

HunterLab(29.9179, 6.8331, 18.5549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(29.9179, 6.8331,
18.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	754C00
RGB	117, 76, 0
RGB Percent	46%, 30%, 0%
CMY	0.5412, 0.7019, 1.0000
CMYK	0.00, 0.35, 1.00, 0.54
HSL	39°, 100%, 23%
HSV	39°, 100%, 46%
XYZ	9.9206, 8.9508, 1.2048
YIQ	79.5950, 48.8320, -14.9440

Conversions

Conversions Part 2

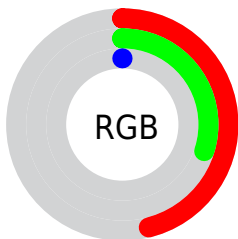
Format	Color
R_{YB}	63, 117, 0
Decimal	7687168
CIE _{Lab}	35.89, 11.75, 44.90
CIE _{LCh}	36, 46.410, 75.331
Yxy	8.9513, 0.4941, 0.4458
Android (android.graphics.Color)	4285877248 (0xFF754C00)
YUV	79.5950, -39.2403, 32.8042
Hunter-Lab	29.9179, 6.8331, 18.5549

Details

The HunterLab color **29.9179, 6.8331, 18.5549** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16.9416, 12.5371, -48.2390**, and the grayscale version is **28.3023, -1.5101, 1.5377**.

A 20% lighter version of the original color is **48.8035, 6.8844, 25.9531**, and **14.4561, 6.3912, 9.0197** is the 20% darker color. If you saturate the color by 10%, you get **29.9184, 6.8318, 18.5552**, and if you desaturate by 10%, it is **30.9195, 5.2197, 18.4950**.

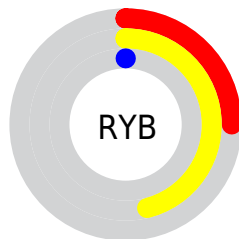
Distribution



Red (46%)

Green (30%)

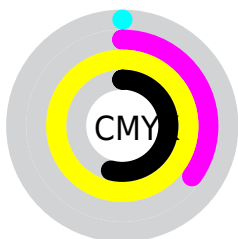
Blue (0%)



Red (25%)

Yellow (46%)

Blue (0%)

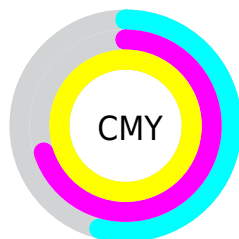


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9179, 6.8331, 18.5549 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 29.9179, 6.8331, 18.5549 by changing the saturation by 10% instead.

■ 29.9179, 6.8331,
18.5549

■ 29.9179, 6.8331,
18.5549

■ 135.2826, 6.2618,
47.1626

■ 21.7012, 6.5084,
15.1908

■ 48.7886, 7.1741,
25.9811

■ 14.4145, 6.0545,
10.0902

■ 59.3146, 7.2223,
29.3729

■ 8.0752, 5.9477,
5.6527

■ 70.5046, 7.2014,
32.6030

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.3213, 7.1183,
35.7006

0.0000, NaN, NaN

■ 94.7331, 6.9786,
38.6890

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.7127, 6.7869,

41.5862

0.0000, NaN, NaN

121.2362, 6.5469,
44.4068

29.9179, 6.8331,
18.5549

29.9179, 6.8331,
18.5549

29.9184, 6.8318,
18.5552

30.9195, 5.2197,
18.4950

31.9650, 3.7061,
18.2184

33.0652, 2.3585,
17.5503

34.2195, 1.1849,
16.4831

35.4262, 0.1884,
15.0205

■ 36.6836, -0.6322,
13.1737

■ 37.9896, -1.2803,
10.9584

■ 39.3419, -1.7615,
8.3928

■ 40.7385, -2.0823,
5.4969

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.9187, 24.0131, 16.0886



29.9179, 6.8331, 18.5549



29.9187, -9.5021, 18.5328

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.9187, 6.8314, 18.5552



29.9187, -26.3796, -7.4582



29.9187, 24.3524, -28.1450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.9179, 6.8331, 18.5549



16.9416, 12.5371, -48.2390

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.9187, 7.2228, -44.2799



29.9179, 6.8331, 18.5549



29.9187, -20.7285, -28.6035

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.9187, 6.8314, 18.5552



29.9187, -26.4400, 8.2841



29.9187, -9.1865, -44.4823



29.9187, 35.5157, -7.0268

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.9179, 6.8331, 18.5549



29.9187, -17.7657, 17.2366



29.9187, -9.1865, -44.4823



29.9187, 18.9549, -34.7348

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.9187, 6.8314, 18.5552



50.6986, -1.6540, 14.9120



19.8888, 34.9327, 6.0818



24.0311, -0.6653, 7.6381



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9187, 6.8314, 18.5552



39.7111, 9.7768, 24.6410



39.3857, -15.5686, 23.9966



20.1509, -1.0377, 2.5647



31.3572, 7.2625, 19.4493



68.0177, 18.3987, 42.2343

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.9416, 12.5371, -48.2390



22.1410, 18.0976, -66.7419



11.7945, 31.0861, -76.7887



19.4433, -1.0136, -0.5095



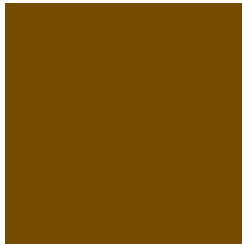
17.7054, 13.3504, -50.9498



37.1541, 34.4002, -120.6995

Previews

White Background



This preview shows how the HunterLab color 29.9179, 6.8331, 18.5549 looks on a white background.

Color Contrast Check

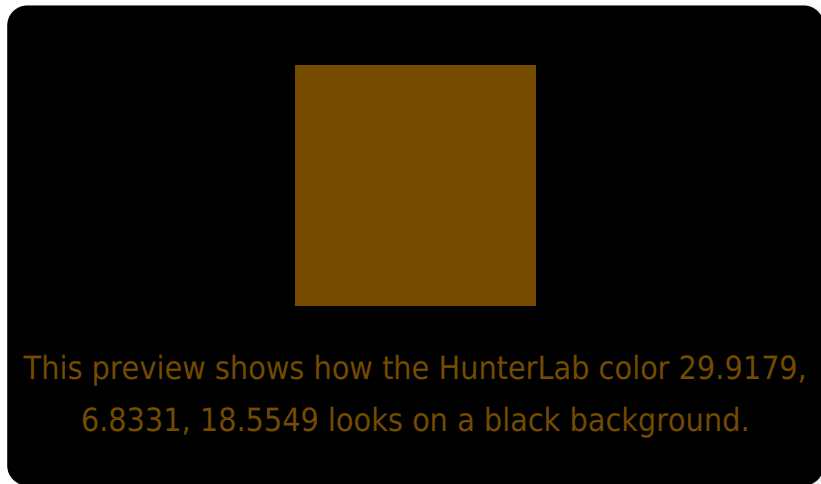
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

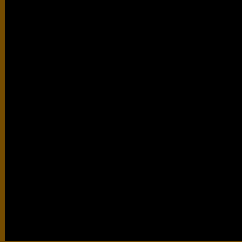
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.9179, 6.8331, 18.5549 Background



This preview shows how black text looks on a background with the HunterLab color 29.9179, 6.8331, 18.5549.



This preview shows how white text looks on a background with the HunterLab color 29.9179, 6.8331,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.9179, 6.8331, 18.5549

Protanopia

30.0022, -4.2160, 17.9594

Tritanopia

30.0356, 14.6138, 5.2665

Trichromacy



Original Color

29.9179, 6.8331, 18.5549

Protanomaly

29.9810, -0.3498, 18.1841

Tritanomaly

29.8336, 10.7571, 13.0144

Monochromacy



Original Color

29.9179, 6.8331, 18.5549

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.5625, -0.5653, 11.0888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9179, 6.8331, 18.5549 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 76, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 76, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9179, 6.8331, 18.5549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 76, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(117, 76, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(117, 76, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 76, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 29.9179, 6.8331, 18.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 76, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117, 76,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor